Index of Claims

| _ | Application No. | Applicant(s) |
|---|-----------------|--------------|
|   | 09/780,020      | LEE ET AL.   |
|   | Examiner        | Art Unit     |
|   | Michael Cuff    | 3627         |

| [ | <i>!</i> | Rejected |  |
|---|----------|----------|--|
| [ | =        | Allowed  |  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|       |  | _  | _        |          |              |            | J        |              | <u> </u> |                 |  |
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| Cla   | im   | Date                                     |          |          |              |            |          |              |          |                 |  |
| Cic   | _  | $\vdash$                                 | П        |          | Т            | <u>Dai</u> | Ť        | T            | т        | Т               |  |
| -     | Original                                     | 8/23/04                                  |          |          | l            |            |          |              |          |                 |  |
| Final | igi  | 23/                                      | ĺ        | İ        | l            |            |          |              | ļ        |                 |  |
|       | ō  | ø  |          |          | l            |            |          |              |          |                 |  |
|       | 1  | J  |          | ┝        | ┢            | ┢          | -        | ┢╌           | ╁        |                 |  |
|       | 1<br>2<br>3<br>4<br>5<br>6                   | ij                                       | $\vdash$ | ├        | ├-           | $\vdash$   |          | H            | H        | +               |  |
|       | 3  | ij                                       | -        | ┢        | ┢            | $\vdash$   |          | H            | +-       |                 |  |
|       | 4  | V  | $\vdash$ | Н        | $\vdash$     |            | $\vdash$ | ╁            | ┢        | Н               |  |
|       | 5  | 1  |          | $\vdash$ | T            | H          |          | ┢            | ┢        | H               |  |
|       | 6  | 1  |          |          |              | $\vdash$   | ┢        |              |          | H               |  |
|       | 7  | 1  |          |          |              |            |          |              | 1        | П               |  |
|       | 8  | 1  |          |          |              |            | Г        |              | П        |                 |  |
|       | 9  | 1  |          |          |              |            |          |              |          |                 |  |
|       | 10   | 1  |          |          |              |            |          |              |          |                 |  |
|       | 11   | 1  | L        |          |              |            |          |              |          |                 |  |
|       | 12   | V  |          |          |              |            |          |              | 匚        |                 |  |
|       | 10<br>11<br>12<br>13<br>14<br>15             | 1  | <u></u>  |          |              |            |          |              |          | $\square$       |  |
|       | 14   | 1  | _        |          |              | _          | _        |              | L        | Ш               |  |
|       | 15   | 1  |          | _        | _            | <u>L</u>   | L_       | <u> </u>     |          | Ш               |  |
|       | 16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | ファ | $\Box$   | L.       | <u> </u>     | <u> </u>   | _        | ļ            | <u> </u> | Ш               |  |
|       | 17   | 1  |          |          |              | _          |          | _            |          | Ш               |  |
|       | 18   | 7  |          |          | ┡            | ļ          | <u> </u> | <u> </u>     | ┡        | $\vdash$        |  |
|       | 19   | 7  |          |          | _            | <u> </u>   | ┝        |              | _        | Ш               |  |
|       | 20   | 7  | ļ        | _        |              | -          | ┝        | ⊢            | ⊢        | Н               |  |
|       | 21   | V  | $\vdash$ |          | ┝            |            | ├        |              | -        | Н               |  |
|       | 22   | $\vdash$                                 |          |          | -            |            |          | ├            | H        | Н               |  |
|       | 24   | Н  | -        | -        | -            | ┢          | ⊢        | ⊢            | ┢        | Н               |  |
|       | 24<br>25<br>26<br>27<br>28<br>29             | Н  | -        |          |              |            | 一        |              | $\vdash$ | $\vdash$        |  |
|       | 26   | П  |          |          | ┢            | _          | _        | $\vdash$     | T        | П               |  |
|       | 27   |  |          |          |              |            |          |              |          |                 |  |
|       | 28   |  |          |          |              |            |          |              |          |                 |  |
|       | 29   |  |          |          |              |            |          |              |          |                 |  |
|       | 30   |  |          |          |              |            |          |              |          | Ш               |  |
|       | 31   |  |          |          |              |            |          | <u> </u>     |          | Ш               |  |
|       | 32<br>33                                     |  |          |          | L            |            | _        | _            |          | Ш               |  |
|       | 33   | Ш  |          | _        | <u> </u>     | <u> </u>   | _        | <u> </u>     | -        | Н               |  |
|       | 34<br>35                                     | $\vdash$                                 |          | _        | -            | <u> </u>   | <u> </u> | -            |          | $\vdash \vdash$ |  |
|       | 36   | Н  | $\vdash$ | _        | ⊢            | $\vdash$   | <u> </u> | <del> </del> | $\vdash$ | $\vdash \vdash$ |  |
|       | 37   | Н  | Н        |          | <del> </del> | H          |          |              | -        | $\vdash \vdash$ |  |
|       | 38   | H  | $\vdash$ | _        | $\vdash$     | $\vdash$   | ├        | $\vdash$     | $\vdash$ | H               |  |
|       | 39   | Н  |          |          | $\vdash$     | $\vdash$   | -        | H            | -        | H               |  |
|       | 40   | Н  | $\vdash$ |          |              | H          | _        |              | ┢        | H               |  |
|       | 41   |  |          | _        |              |            | Г        | Г            | $\vdash$ | М               |  |
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|       | 46   |  |          |          | L            | Щ          | L        |              |          | Ш               |  |
|       | 47   | $\Box$                                   |          |          |              | $\Box$     |          |              | L_       | Ш               |  |
|       | 48   |  | _        |          |              | Щ          |          |              | ļ.,      | Щ               |  |
|       | 49<br>50                                     | $\Box$                                   |          |          | ļ            |            |          | <u> </u>     |          | Щ               |  |
| ŧ     | 501  |  | - 1      |          |              |            |          |              |          |                 |  |

| CI         | aim                  | Date   |                           |  |                |  |          |  |  |                                     |  |  |
|------------|----------------------|--|---------------------------|--|----------------|--|----------|--|--|-------------------------------------|--|--|
|            |                      | П  | T                         | П  | Т              | Т  | Т        | Π  | П  |                                     |  |  |
| =          | Original             |  |                           |  |                | l  | l        | l  |  |                                     |  |  |
| Final      | <u>:</u> 5           |  | l                         | 1  |                | l  | 1        |  |  |                                     |  |  |
| l LL       | ٦٦                   | 1  | 1                         | 1  |                | l  |          | l  |  | l                                   |  |  |
|            | 1                    |  |                           |  |                |  |          | _  | L  |                                     |  |  |
|            | 51<br>52             | Γ  | Π                         | Г  |                |  |          |  |  |                                     |  |  |
|            | 52                   | T  | T                         | 1  | П              |  | Т        |  |  |                                     |  |  |
| <b>-</b>   | 53                   | +-   | ┢                         | †  | ┢              | t  | +-       | ├-   | <del>                                     </del> | ┪                                   |  |  |
| $\vdash$   | E4                   | ┼  | -                         | ╁  | +              | ╁  | -        | -  | -  | ⊢                                   |  |  |
| <b>├</b> ─ | 53<br>54<br>55<br>56 | ├  | -                         | <b>├</b>   | <u> </u>       | <u> </u>   | <b>├</b> | ⊢  | <u> </u>   | ┡                                   |  |  |
|            | 55                   | <u> </u>   | Ļ_                        | ـــــ  |                | <u> </u>   | _        | <u> </u>   | _  |                                     |  |  |
|            | 56                   |  |                           |  |                |  |          |  |  |                                     |  |  |
|            | 57                   |  |                           |  | l              |  | Γ        |  |  | П                                   |  |  |
|            | 58                   | Π  | Г                         | T  |                |  |          |  |  |                                     |  |  |
|            | 59                   | $\vdash$   | T                         | 1  | T              |  | t        |  | 1  | 1-                                  |  |  |
| $\vdash$   | 60                   | 1  | ┢                         | +  | -              | <del> </del>   | ┢        | ┢  | ┝  | ⊢                                   |  |  |
| -          | 00                   | -  | ╀                         | ┼—   | ⊢              | ┝  | ⊢        | ├-   | ⊢  | ┢                                   |  |  |
| <u></u>    | 61                   | ┞-   | <u> </u>                  | ļ.,  | <u> </u>       | <u> </u>   | _        | <b>L</b>   | <b> </b> _                                       | <b>!</b>                            |  |  |
| <u></u>    | 62<br>63             | <u> </u>   | <u> </u>                  | _  | $\perp$        | lacksquare   | L        | $oxed{oxed}$                                     |  | oxdot                               |  |  |
| L          | 63                   | L  | L                         | L  | L              | L  | L        | L¯   | L  | L                                   |  |  |
|            | 64<br>65             |  |                           |  |                |  |          |  | Γ  |                                     |  |  |
|            | 65                   |  | ऻ                         |  |                | Г  | Т        | Т  |  | t                                   |  |  |
| -          | 66                   | 1  | ┢                         | <del>                                     </del> | $\vdash$       | $\vdash$   | t        | <del>                                     </del> | $\vdash$   | t                                   |  |  |
| $\vdash$   | 67                   | 1  | ╆                         | -  | $\vdash$       | $\vdash$   | $\vdash$ | -  | $\vdash$   | ╁                                   |  |  |
|            | 07                   | ⊢  | <del> </del>              | ╀  | ├-             | ├  | ⊢        | ⊢  | ├-   | -                                   |  |  |
| <u> </u>   | 68                   | ļ  | <b> </b> _                | ļ.,  | <del>  _</del> | <u> </u>   | <u> </u> |  | _  | <u> </u>                            |  |  |
|            | 69                   | L  |                           | L  | L              | L  |          | L  |  |                                     |  |  |
|            | 70                   | 1  |                           |  |                | 1  |          | ı  |  |                                     |  |  |
|            | 70<br>71             |  | П                         |  | Π              | П  |          |  |  |                                     |  |  |
|            | 72                   | $\vdash$   | ⇈                         |  |                |  | Т        | $\vdash$   | 1  | Т                                   |  |  |
| $\vdash$   | 73                   | $\vdash$   | <del> </del>              | <del>                                     </del> | ╁╾             | <del> </del>   |          | ⊢  |  | $\vdash$                            |  |  |
| <u> </u>   | 73                   | ├—   | ⊢                         | ╁  | ⊢              | ⊢  | -        | ⊢  | -  | ⊢                                   |  |  |
| <u> </u>   | 74                   | ⊢  | ⊢                         | ├-   | ⊢              |  | ⊢        | ⊢  |  |                                     |  |  |
|            | 73<br>74<br>75<br>76 | _  | $\vdash$                  | <u> </u>   | <u> </u>       | _  | _        | ļ  | <b>-</b>   |                                     |  |  |
| <u></u>    | 76                   | 乚  | L                         | <u> </u>   | ┖              | _  |          | _  | _  | _                                   |  |  |
|            | 77                   | L  | <u> </u>                  |  |                |  |          |  |  |                                     |  |  |
|            | 78                   |  |                           |  |                |  | l        | Γ  |  |                                     |  |  |
|            | 79                   |  |                           |  |                |  |          |  | Π  |                                     |  |  |
|            | 80                   |  |                           | T  |                |  |          | <u> </u>   | 1  | Н                                   |  |  |
| -          | 81                   | ┢  | <del> </del>              | t  | -              | $\vdash$   | $\vdash$ | ┢  | 1  | Н                                   |  |  |
| -          | 82                   | ├-   | ⊢                         | ╁  | ┢              | $\vdash$   | ⊢        | ⊢  | -  | ├                                   |  |  |
| <u> </u>   | 82                   |  | <u> </u>                  | -  | <u> </u>       | _  | -        | <u> </u>   | <u> </u>   | <u> </u>                            |  |  |
|            | 83                   | <u>L</u>   | <u> </u>                  | <u> </u>   | <u></u>        | L  | L_       | <u> </u>   | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  |  |
|            | 84                   |  | ot                        | 乚  | L              | L.   |          | L  |  | L                                   |  |  |
| L          | 85                   | -  |                           |  |                |  |          |  |  |                                     |  |  |
|            | 86                   |  |                           |  |                |  |          |  |  | Г                                   |  |  |
|            | 87                   |  | Г                         | 1  |                | Г  |          |  | П  |                                     |  |  |
| <u> </u>   | 88                   | $\vdash$   | $\vdash$                  | $t^-$  | $\vdash$       | _  | $\vdash$ |  | $\vdash$   | $\vdash$                            |  |  |
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| -          | 89                   | ├-   | ├-                        | 1  | -              | _  | -        |  | ├—   | ⊢-                                  |  |  |
| <u></u>    | 90                   | <u> </u>   | <u> </u>                  | _  |                | L  | L_       | L  | <b>!</b>   | <u> </u>                            |  |  |
| L          | 91                   | <u></u>  | L                         | $oxed{oxed}$                                     | L              | $ldsymbol{ld}}}}}}$ | L        | L  | L  | 匚                                   |  |  |
|            | 92                   | L  | L                         | L  | L              |  | L        | L  | L  | L                                   |  |  |
|            | 93                   |  |                           |  |                |  |          |  |  |                                     |  |  |
|            | 94                   |  |                           | T  |                | $\vdash$   |          |  |  |                                     |  |  |
| <u> </u>   | 95                   | <del>                                     </del> | $\vdash$                  | _  | -              |  | _        | <del>  -  </del>                                 | -  | <del> </del>                        |  |  |
| <u> </u>   |                      | -  | -                         | -  | -              | <u> </u>   | -        | $\vdash$   | $\vdash$   | <del> </del>                        |  |  |
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| <u> </u>   | 97                   | <u> </u>   | $ldsymbol{ldsymbol{eta}}$ | ┞-   | <u> </u>       | Щ  | L_       | L_   | <u> </u>   | oxdot                               |  |  |
|            | 98                   |  |                           |  | L              |  |          | L  |  |                                     |  |  |
| L          | 99                   |  |                           |  |                |  |          |  |  |                                     |  |  |
|            | 100                  |  |                           |  |                |  |          |  |  |                                     |  |  |

|               |            | <u> </u> |          |  |          |                                     |          |          |                |                 |  |
|---------------|------------|----------|----------|--|----------|-------------------------------------|----------|----------|----------------|-----------------|--|
| Cl            | Date       |          |          |  |          |                                     |          |          |                |                 |  |
| Final         | Original   |          |          |  |          |                                     |          |          |                |                 |  |
|               | 101        |          |          | Г  |          |                                     |          | Г        |                |                 |  |
|               | 102        |          |          |  |          |                                     |          |          |                |                 |  |
|               | 103        |          |          |  |          |                                     |          |          |                |                 |  |
|               | 104        |          | L        |  | 匚        |                                     | L        | <u></u>  | _              |                 |  |
|               | 105        | _        | <u> </u> | _  | L        | 匚                                   | L        | _        | L              | Ш               |  |
|               | 106        | _        | _        |  |          | ┡                                   | _        |          | _              |                 |  |
|               | 107        | _        | <u> </u> | ⊢  | ├_       | ╀                                   | $\vdash$ | ├-       | ├-             | Н               |  |
|               | 108<br>109 | -        | H        | ⊢  | -        | ├                                   |          | H        | H              | $\vdash$        |  |
|               | 110        | -        | -        | ⊢  | $\vdash$ | ╢                                   | ⊢        | ├        | ⊢              | ├─┤             |  |
|               | 111        | $\vdash$ |          | ┢  | ╁        | ╁                                   | $\vdash$ |          | ├              | Н               |  |
|               | 112        | ┢        | H        | $\vdash$   | +-       | ╁                                   | 1        |          | $\vdash$       | Н               |  |
|               | 113        | $\vdash$ | $\vdash$ | <del>                                     </del> |          | $\vdash$                            | ┢        |          | -              | H               |  |
|               | 113<br>114 | _        |          | Н  |          | 1                                   | T        | t        |                | Н               |  |
|               | 115        |          | Г        | Г  | Τ        | Г                                   | Г        | Г        | Т              | ⇈               |  |
|               | 116        |          |          |  |          |                                     |          |          |                | П               |  |
|               | 117        |          |          |  |          |                                     |          |          | Π              |                 |  |
|               | 118        |          |          |  |          |                                     |          |          |                |                 |  |
|               | 119        |          |          |  |          |                                     |          |          |                |                 |  |
|               | 120        |          |          |  |          |                                     | <u> </u> | L        |                |                 |  |
|               | 121<br>122 |          | Ш        |  | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _        |          |                | Ш               |  |
|               | 122        |          |          |  |          | L                                   | L        |          |                | Ш               |  |
|               | 123        |          |          |  |          | _                                   | ╙        | ļ        | _              | Ш               |  |
|               | 124<br>125 |          |          |  | ┝        | ļ                                   |          | <u> </u> | _              | Н               |  |
|               | 125        |          | $\vdash$ |  | <b> </b> | <del> </del>                        |          | ├        | ⊢              | Н               |  |
|               | 126        |          |          | -  | ├─       | ┢                                   | -        | <u> </u> | ┢              | Н               |  |
|               | 127<br>128 |          | Н        | -  | ├        | $\vdash$                            |          |          | $\vdash$       | $\vdash$        |  |
|               | 129        |          | Н        |  | ┝        | $\vdash$                            | -        | $\vdash$ | -              | Н               |  |
|               | 129<br>130 |          | Н        |  | ┝        | $\vdash$                            | $\vdash$ | $\vdash$ | ┢              | Н               |  |
|               | 131        |          |          | -  | _        |                                     |          | Т        | ┢              | Н               |  |
|               | 132        |          |          |  |          | 一                                   |          |          |                |                 |  |
| T             | 133        |          |          |  |          | Г                                   |          |          |                |                 |  |
|               | 134        |          |          |  |          |                                     |          |          |                |                 |  |
|               | 135        |          |          |  |          |                                     |          |          |                |                 |  |
|               | 136        |          |          |  |          | L                                   |          |          | L              |                 |  |
|               | 137        |          |          |  | L_       | <u> </u>                            | _        | Ш        | _              | Щ               |  |
|               | 138        |          | Щ        |  |          | <u> </u>                            | _        |          |                | Щ               |  |
|               | 139        |          | Щ        |  |          | L                                   | _        |          | <u> </u>       | $\vdash$        |  |
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|               | 145        |          | -        |  | -        |                                     | -        | H        |                |                 |  |
| $\overline{}$ | 146        | $\dashv$ | $\dashv$ |  | _        | $\vdash$                            | -        | Н        | H              | $\vdash$        |  |
|               | 147        |          | $\vdash$ |  |          |                                     |          | Н        |                | Н               |  |
|               | 148        |          |          | _  |          |                                     |          | H        |                | Н               |  |
|               | 149        |          |          |  | П        |                                     |          | $\sqcap$ |                | П               |  |
| 1             | 150        |          |          |  |          |                                     |          |          |                |                 |  |